

# Amsterdam String Workshop Summer 2014

## PROGRAM – WEEK 1

Coffee and pastries (kindly brought to you by B. Freivogel) will be provided every day at 10am and 2:00pm. All lectures with the exception Friday the 4th of July (at Science park) are held in building P. Euclides (Plantage Muidergracht 24, 1018 TV Amsterdam).

### Monday June 30

- 10:50 Welcome & Introduction
- 11:00 **“A new spin on entanglement entropy”** - Per Kraus (UCLA)
- 12:30 Lunch at Crea Theatre (see map for directions)
- 15:00 **“Quantum Dynamics of Supergravity”** - David Tong (Cambridge)

### Tuesday July 1

- 11:00 **“Why are we studying Higher Spin Theories?”** - Rajesh Gopakumar (Harish-Chandra Research Institute)
- 12:30 Lunch at Crea Theatre
- 15:00 **“Open string production and brane scattering”** - Matt Kleban (NYU)
- 17:00 Social activity: **Borrel at Nemo** (see map for directions)

### Wednesday July 2

- 11:00 **“String Theory of the Regge Intercept”** - Simeon Hellerman (Kavli IP-MU, Tokyo)
- 12:30 Lunch at Crea Theatre
- 15:00 **T.B.A.** - Joerg Teschner (DESY)

### Thursday July 3

- 11:00 **T.B.A.** - Raphael Bousso (UC Berkeley)
- 12:30 Lunch at Crea Theatre
- 15:00 **“Emergent  $SL(2, \mathbb{R})$  and melting Coulomb branches”** - Dionysios Anninos (Stanford)

### Friday July 4 @ SCIENCE PARK

- 12:00 Lunch at Polder (see map for directions)
- 14:00 **“Quantum Black Holes and Quantum Holography”** - Atish Dabholkar (Sorbonne & CNRS)
- 15:00 Coffee Break
- 16:00 **“Entanglement, Modular Hamiltonians and Holography”** - Daniel Jafferis (Harvard)